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(See Page 7)

FLORIDA SKIP

VOL. 12 NO. 10

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

MARCH / 1969

Price 20c

Apollo Communication

What is the scope of voice communications operations with a manned craft in orbit such as Apollo 9? This question requires a big answer encompassing equipment in the range of hardware to lightning, but from a generic view, five main phases of operation may be considered.

From prelaunch checks after the flight crew is aboard the bird, through thermal, gaseous, and ionized environments during launch, to the quiet of the orbital path, the exchange of traffic must not be interrupted. Equally important are the last phases - reentry and recovery. Reentry results in encounters with the same

elements as that of launch, but conditions are worsened considerably by the higher velocity of the vehicle.

Voice channels are provided by equipment operating in the HF, VHF, UHF and SHF portions of the r-f spectrum. Once the vehicle is in orbit, a worldwide network of stations on continents, islands, ships and aircraft must be prepared to communicate directly or relay as required. A/RIA aircraft manned by Air Force crews are used for quick dispatch to those areas around the globe where limited mobility of ocean-going vessels or lack of landbased stations might deter coverage desired. These aircraft are instrumented configurations of the C-135 which move about rapidly at high altitudes.

Ships and aircraft cover reentry, and after splashdown, beacons and HF voice channels assure speedy recovery. 'Round and 'round she goes, and where she stops - everybody knows.

(MARS SCOPE, AF4CII)

Increase The Traffic Count

By Herb, W4LSR

Traffic Net Members are often urged to "up" the total traffic by originating messages of our own. Adept as we may be in passing traffic, we are often at a loss to dream up a text for these messages.

Traffic Net Correspondents are always listening for news of our Net Members for our columns in Florida Skip. If each member of every Florida Net would originate a formal message to their NetReporter, telling him of new gear, station modifications, vacation or business trips, health, etc. the count would increase and the columns would make more interesting reading. And we reporters would be very happy.

Keep It Clean

The following article printed in Washington (UPI) appeared in January 26 Tampa Tribune, quote below:

"If you think some of the stuff you see on the newsstands or in the movies is indecent, you should hear what people are saying right on the air.

The offending language - some of it's as filthy as imaginable - is spewed out through broadcast transmitters operated by private citizens or businesses.

The regular radio and television stations would be shut down quickly for ever approaching what some private operators say on the air. But as is in the case with pornographic publications and dirty movies, authorities say the problem of policing the obscenity is very

(Continued on Page 16)

SPECIAL AWARDS

We just received word that FLORIDA SKIP, WA4DHU, K4-KRJ, K4FMA and W4IYT will receive a special 1968 Honor Roll award for articles which were published in the PENN. WIRELESS ASSOCIATION, Inc. publication.

Our sincere thanks to the Editor, Dave Heller, K3HNP/W5-NPJ and to the board of directors for this honor.

SET REPORTS

All amateurs who participated in the ARRL Simulated Emergency Test on January 25 and 26 are urged to make sure that their part was included in reports submitted by their Emergency Coordinator or net manager.

ECs and Net Managers are reminded that the deadline for reports and photos is March 15 (ARRL OB207)

A.R.M.S.

We were requested to announce to all persons interested in the Amateur Radio Missionary Service may receive details on ARMS by Writing: A.R.M.S., College of Bible, 1800 Arch St., Philadelphia, Pa. Membership of two dollars goes to Frank Sansons W3RVY, P.O. Box 146, Bethany Beach, Del. Submitted by associate member: Eugene C. O'Brien, 1600 N.W. 119th St., No. Miami, Fla. 33167.



MEET JAMES "PRES" GRAHAM, W4FDA, of Jacksonville. Pres received his first ticket in 1937 in Jax. He retired from the U.S. Navy and said "I don't miss it at all!" His 70-foot tower holds his 2 element tri-band Quad (Maco) and 80/40 inverted vees. He likes his DX and does some serviceman phone-patch work.

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Letters To Editor

Just a plug for CW that I never thought I would have the experience to tell, but here is a good one.

I was hit on the head by my surfboard back in Sept. 68 and almost drowned. If it hadn't been for my 15 year old son pulling me in, I wouldn't be telling this story. The board hit me in the head and knocked me out for two weeks. When I finally came too and realized that I couldn't talk, but could use my right hand I tried to use CW to get my ideas across, but I didn't realize that.

I was slow mentally. Well, my CW try failed and luckily the next day my voice returned. My whole left side was paralyzed, and I have double vision, but continue to improve.

I came home almost a month later

(hospitalized), and immediately wanted to get on the air. Hurricane Gladys came by and tore all my antennas down, but I got a friend to come over and put my Quad back up, so, I made it back on 20 mtrs. The first few contacts made me realize I couldn't receive over 14 WPM, and I knew something was wrong, but figured I was just out of practice. I left the radio for a week and came back when I couldn't stand being away any longer and my speed had increased to 20 WPM. I knew I wasn't normal by that time because I had passed the Extra exam back in Nov. 65 and knew I used to handle 20 WPM, lack of practice or not. I began to ask questions and no one would give me what I

(Continued on Page 8)



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Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line EXCEPT CARTOONS by W1GSI/4. Written permission from the editor must be obtained before reprinting the cartoons.

—Editor

Dear Mabel XYL Award, c/o Skip,
Box 501, Miami Springs, Fla.

FLORIDA SKIP CORRESPONDENTS

ONYX, MABEL, THE OLD TIMER
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Miami Springs 33166.

Q.C.W.A., Gator Chapter, WA4FIU
Q.C.W.A., SE Chapter, W4JO

NAVY MARS, Jim Wilson W4GDK,
1204 Avocado Isle, Ft. Lauderdale,
Fla.

VHF SSB's R.D. Ralston, K4LFF
P. O. Box 945, Fernandina Beach
32034

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Ex-Calls

We are very pleased to see that so many of our SKIP readers respond to this column. Keep 'em coming. AC.

W4ILE ex W8NJA W9VKQ,
W4ME ex WIDOH 1ME, W4PUE
ex W8TEP, W2TEP, W2TF1,
W4UOE, ex AC2AB, Tietzin,
China 1927. K4BW ex W3JQ,
W3RH, 3ADN, 3BBK, W4DFZ ex
W9JMM; W4SME ex K1IGJ, W-
3DRX, K6ILO, W3ZAN, KP4IV,
W2ZAN; W6EPO ex K7VQI, W-
4LSA; K4APE ex W4HWZ, W-
8PZF, 8BBI; K4KE ex W4DLN;
WB4BWG ex ET3FW, W8EMJ;
W4RFA ex W3TFF, W4FPZ,
VO2MD, W5MFK, W8OVC, W-
9DEE; K4CYC ex W1DEG, 1-
CUB (1919)

GUEST EDITORIAL

Don Copeland, W4CII

Taking a long look at advancements in radio communications technology, one may easily be speculative about future effects upon amateur radio equipment and operating methods. In conjecture:

- (1) Single Sideband — channel width and frequency control specifications will be tightened to effect a scheme in which all phone portions of the spectrum will be divided into specific channels. Band-edge pilot carriers will be used for transceiver synchronization in those crowded bands where interference from adjacent channels must be minimized. VFO's will not be used where synchronization is required. Frequency synthesizers will be "locked-on" to the sync pilot, and the operator will select the desired channel or switch to scan mode to locate an unused channel for CQ.
Time division multiplexing (TDM) methods and digital techniques will be used in VHF and higher spectrum allotments. TDM will allow subchannels within each channel — the number dependent upon the band selected.
- (2) RATT — will be replaced by high-speed data transmission schemes — more especially in the bands of shorter wave length. Conventional RATT communications is slow, and digital techniques will provide rapid movement of traffic to recorders and printers.
- (3) Other Modes — will slowly evolve to improvement in frequency control methods and spectrum allotment.

What do we do about all this? — Plan ahead. The communications planners of all nations are constantly devising schemes to improve use of the r-f spectrum, and there is a resounding clamor for more and improved allotments — now.

International bodies could very well implant a severe blow to the solar plexus of amateur radio, unless our equipment design interests are slanted toward the future quickly. With a reasonable up-date plan, amateur equipment designers would do well to study schemes currently on the drawing boards of vendors that are persistent in staying on top of "state of the art" advancements.

Coincident with such an update of equipment design, our spectrum allocations and modes of operation within them are likely to be altered. How much and when? — It's anybody's guess, but the amateur operator of tomorrow will need to have knowledge of frequency multiplex, time division multiplex, and digital communications system theory of operation.

Cost of all this? — No more and maybe less than the transition from AM to SSB. Mass production of those versatile IC's and other solid state devices will eventually provide the amateur with highly sophisticated and more reliable circuit elements which may be used in equipment manufacture or homebrew.

(MarsScope — AF4CII)



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Q.C.W.A. GATORS

The "Gator" Chapter of the Q.C.W.A. met in full attendance at McDill A.F.B. just south of Tampa, Fla. on 8th Feb. Well over 200 "Gators" were there counting the XYL's, who were invited to this special occasion. Four Star General T.J. Conway, W4EH was the host and credit must be given to Harold Johnson W4ZCB for his efforts in making it such a pleasant affair. A Cocktail party and fine Breast of Chicken was served. Movies of the NASA Apollo 8 space flight were shown and a trip by bus to the flight line where an inspection of many of the new aircraft were made possible to the "Gators" and their XYL's. A trip through Gen. Conway's personal plane which is very similar to that of the Presidents was a treat by itself.

Some very distinguished per-



GATOR QCWA CHAPTER officers: Elmer D. Great, W4HFR, of Orlando; Chairman and Hal Bates, WA4FIU, Secretary and SKIP correspondent. This photo was taken recently at Sun City where some 44 members held the dinner/meeting. Both Florida Chapters plan a meeting at the Orlando Hamfest. (photo via WA4FIU)

sonalities were there to enjoy the meeting and we were proud to have them. Pictures were taken and we hope that they will arrive in time for this next issue of Skip.

73,

Hal Bates, WA4FIU

Q.C.W.A. S.E.

Quarter Century Wireless Association members had a "ball" January 17-18-19 to start the New Year with a bang.

First off, the Southeastern Chapter of the QCWA gave their first banquet dinner of the year, Friday evening at the Holiday Diner on Biscayne Blvd.

The following day, Saturday, many Gator Chapter members and nationwide members were met at the Tropical Hamboree. Saturday evening, at the stroke of midnight, the S.E. Chapter members conducted the solemn WOUF-HONG initiation as a

part of the League activities of the Southern Division Convention. We are indebted for those efforts by W4GJ, W4LVV, W4DTJ, W4BTM, W4ILE, W4KKB was kind enough to represent the Novice.

Sunday was a great day for the hundreds of QCWA eyeballs. A great day for signing up new members. It would be impossible to mention the out of state and local members, but here are a few; W4AP, W4AUP, W9ADT, W3GBB, W4KRC, W4CJ, W4MOX, W4BJ, W4EU, K4OST, W4DTJ, W4LVV, W4BTM, W4GJ, W4ILE, W4ANP, W4IYT.

W4JO, S. E. CHAPTER SECRETARY

The next QCWA meeting will probably be at the Orlando Hamfest, week after Easter. This is the Gator Chapter area so we will be their guests.

160 METERS

By W4WHK

It appears that there may not be a "sunspot maximum" decrease in good conditions for 160 as most of us think. From all appearances, the results from the last CQ WW 160 test would tend to indicate the opposite. Much in the way of medium and long distance DCing has been evident since the beginning of the real season starting last October.

Florida participation in the CQ test was undoubtedly the greatest it has been since we got the band back about five years ago. At least eight, and probably more stations were active, with W4BGO and WA4SGF leading the state in number of QSO's and DX contacts. Among the good stuff worked were YV, KH6, VP7, VP9, and KV4. Europe was a tough shot this time, due to the absolutely terrible noise level encountered both nights of the test (cold front and thunderstorms right in the area). Noise levels were merely S9 the second night, after twenty over being common the first. The conditions were absolutely the worst encountered in January since we've had the band. Even so, the band was extremely active in all parts of the country, and undoubtedly, some new 160 records were set.

Several Fla. Hams are working on new antennas, and it appears that the inverted L is the simplest type to use - anything from 1/8 to 3/8 wavelength being common. Verticals are still best for this salt-marsh country, but ya' gotta dig and lay radials for a really effective ground system.

73, Dave

100 YEARS AGO

Oscar M. Kratze of Leipzig, Germany, has invented an engine that uses petroleum for the purpose of giving motion to the piston of an ordinary cylinder without the use of a furnace. The invention consists in the employment, for the purpose of producing a direct motive power, of petroleum, naphtha or either hydro-carbon, the form of vapor, mixed with a sufficient quantity of atmospheric air to sustain combustion in such a manner that, by igniting said vaporized hydro-carbon liquid in the cylinder with an electric current, the desired reciprocating motion of the piston is effected. Would you believe this appeared in the August issue of Scientific American in 1863?

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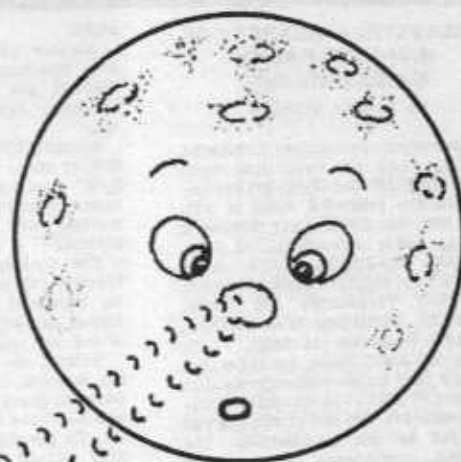
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CLUB NEWS

GULFSTREAM SOCIETY OF AMATEUR RADIO OPERATORS, INC.

By Al Suhr, WB4AID

Nominating Committee Chairman, WA4IXS along with committee members, WB4KRS and WB4AKH recommended the following slate of officers for the fiscal year beginning March, 1969: President: Al Suhr, WB4IAD; Vice President: F. B. Landy, WB4OCM; Secretary: Frank Piverotto, WA4TBN; Treasurer: Joe White, WB4KZU; Historian: Mel Wrobbel, K4EBZ. Trustees: Al Suhr, F. B. Landy and Jerry Helta, for three, two and one year terms respectively. Jim Johnson, W4JBZ, was appointed Trustee-Engineer. The list of officers was accepted by the membership. The balloting canvassers were Henry Helta, and Lewis Elam, W4QJY.

Mel Wrobbel arranged to have painting materials in the new rooms and the first coat was applied by the rather large painting party one

night.

Another Advanced license has come in - this time it is Charles Sjoquist, W4LFB, who received his new ticket recently. Again the class has paid off.

Richard Kidder exhibited the controller panel that will be used in the UHF repeater station that is now under construction. Dick has really worked hard to design most of the circuit.

The Society received a very attractive call placard from Jerry Helta, WB4KOM. It measures 5 by 10 inches and will be placed on the door of our new room.

Writing on a personal basis for the moment, I would like to acknowledge the great help of all the officers and members who have been so helpful. To the committee chairmen who have served without failure. These last few months have been rather trying which was caused by the drawing of the new charter and by-laws. - I appreciate each individual effort and look forward to serving another year, knowing that such cooperation will continue.

The Society was represented at the Tropical HamBoree by seven members, WB4AID, WA4TBN, WA4IXS, WB4KZU, W4JBZ, WB4AKH, and W4OCM. We had one fine time. ON TO ORLANDO!

FIVE FLAGS AMATEUR RADIO ASSN.

By Lou, K4LAN

This being the first article printed for the Assn. in northwest Fla. I wouldn't want anyone to get the idea that we just formed this radio club. The FFARA has been in existence for a little over a year now and is made up of some of the old members of both the old Pensacola Amateur Radio

Club and The Pensacola V H F Amateur Radio Club, plus of course some who didn't belong to either.

We feel we have come a long way since we first formed with yearly picnics, and Field Day activities.

The Assn. is in the progress of holding code and theory classes free for those who want to enter the hobby of radio. So far we have a group who in a month are very close to the novice test in both code and theory and as soon as they're able to grasp the knowledge they will be one their way to the General. We already have people waiting for the advanced classes to begin so they may learn enough for the General and Extra License.

The members are in the process of starting or having a 'ham' booth where we will meet the public and introduce amateur radio to the people by taking traffic and showing them how amateur radio works.

Elections will be coming up soon, in March, and Bob Smith - K4FKV who is the president and Lou Goldstein - K4LAN, Sect.-Treas. will most likely give their officers to two fine amateurs who will carry on in the spirit.

For those who are interested a subscription to the clubs bulletin that comes out before the first of every month meeting - it's \$2.00 a year and even if you can't attend every meeting you will still be able to keep up with the clubs activities.

The club meets at the Red Cross building and they have a nice transceiver for us to use but we don't have a call of our own yet. The clubs perminate trustee Gene Rhodes WB4JCV has made application to the FCC for W4UC.

For those of you within traveling distance the club meets every other Thursday night. The next one being Feb. 12 and so on. Code and theory classes are every Monday and Thursday night starting promptly at 7 PM CST. We invite all interested parties to visit and take part in the associations activities. Come see us.

I.R.A.R.C. NEWS

By S. T. Walker, Sr. W4FWB

The Indian River Amateur Radio Club of Cocoa, Florida held regular meetings on the second Monday and the fourth Tuesday of every month at the Today Newspaper Auditorium in Cocoa at 1930 EST. Everyone is welcome and bring a friend. The first half of the meeting is generally a business meeting and the second half is informal with very interesting programs, everything from transistor movies to local auctions on equipment and parts donated to the club. The proceeds go to the club fund. Everyone is invited to join in on two meters to our club net which meets on 146.502 MHz. on each Thursday evening at 2000 EST.

At our last meeting Don Klobe, WA4KJV, gave a very interesting talk on converting old CB equipment to Ten Meters. We would be interested in hearing from other clubs on converting their CB equipment to Ten Meters. Also would like to know what frequency everyone is going rock bound on. So please drop a line to: Indian River Amateur Radio Club, Inc., P.O. Box 5, Cocoa, Florida, 32922.

B.A.R.C.

By Jim Wilson W4GDK

Our new president Zane McCreary WA4KXI started the club activity in

1969 with some new angles of interest. At each meeting he is going to display a blackboard on which will be the names of members who are really participating in Club activity and giving generously of their time and talents. Without such participation a club cannot succeed, he wisely points out.

Furthermore, at each meeting he is going to ask who has had QSO's on CW; contacts of any kind lasting more than 1/2 hour except on schedules or nets; who has had the most distant contacts on the different bands.

At the meeting it was voted to send a Club contribution of \$25.00 for the Defense Fund of the Sarasota ham accused of TVI. Members were urged to send individual contributions also.

The Board of Directors has voted to establish a Committee on Education. Bill Lindsey WB4LSL has been named Chairman of the Committee. It is proposed to have classes similar to seminars, in which groups working for the same advancement will meet together in various homes for study and discussion.

Our new meeting place worked out fine. A large and enthusiastic crowd was present. Although it is probable that before long the meeting time of the Club will move up to 7:30, we are now meeting at 8 PM, the second Wednesday of each month at Hardy Park Recreation Bldg., 25 SW 9th St., Ft. Lauderdale, just West of Andrews Ave.

Anyone interested in amateur radio is welcome.

SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV/AREA

WB4ISZ - Jim and XYL - Maude were among the 300 passengers on the M.S. Renaissance that left Jan. 16 for a 14 day Caribbean cruise. Jim enjoyed visiting the radio room on shipboard. At a point in West Indies, Jim was among 40 men attending a Service Club meeting. Jim told them, besides being a Mason, he was also a "Country Cousin". This brought forth many questions about the organization and he was presented with an attractive little "Country Cousin Service" card, signed by Capt. Thepot.

W4JQU - Bob Spiers, President of General Components, Inc., had a nice picture in the Independent, Jan. 20, displaying multilayered circuit boards his firm makes for the Apollo and other space programs.

WB4LKF - Doc Newman (ex-WA5-POG) is due belated congratulations, as we hear via the "grape-vine" he was recently married. Maybe he will persuade the XYL to get her ticket.

WB4LTU/W2GYG - Win and XYL - Flo Morris celebrated their 40th wedding anniversary January 15th. Flo was "sporting" a beautiful orchid for the occasion.

MARK YOUR CALENDAR FOR APRIL 26th and 27th! See you there at Statler Hilton Inn, Orlando Hamfest!

ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl - W4BAV/AREA

SPARC held their annual Installation Dinner, Jan 10th, at the Bradford Coach House, with a good attendance. After a very fine dinner, W4WME - Bill Foley, MC, welcomed all and presented the outgoing officers with certificates, thanking all for the fine



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 R.F.D. 5 - Box 804
 Hickory, N.C. 28601
NEW WA4 WB4 WN4
QSL MANAGER.
J.R. Baker, W4LR,
 1402 Orange Street
 Melbourne, Fla. 32951

job done. W4JPI - Joe Pitzer, outgoing President, installed the incoming officers.

There were quite a few of the "old faithfuls" who could not be present because of the "Flu Bug". After many others members had been recognized for their services to the Club during the year, Chief of Police - Harold Smith gave a talk on "How Police Use Communications In Their Work and Its Importance To Them." Afterwards, he opened the meeting up for questions and discussions. Some very interesting facts were brought out and we believe more co-operation will be forthcoming as various suspicious acts are seen.

WA4KYA - Vivian Pic was very happy at the SPARC Installation Dinner as she had just received word that she was a grandmother again, as Larry's XYL had presented him with a baby boy.

After a busy year as President of SPARC, W4JPI - Joe Pitzer and XYL Mildred took a trip to Venezuela. Could it be it was such a rough job he wanted to get away from it all?

FLA. VHF SIDE-BANDERS

By R. D. Ralston - K4LFF

Are there any CW operators around? Leo - WA4MHS is back in business at his new home at New Port Kichey and is looking for CW contacts. He will use SSB if necessary.

Sunday the 2nd brought a unusual back scatter opening over the entire USA and Mexico. QRM was rough and most of the contacts were made by the KW boys, but we got a few along with county #37, WB4FOE - Gene at Okeechobee. As far as I know there was only 5 or 6 stations in the entire state making noise.

K4QKR was doing OK from Largo, but he missed one rare one calling him. I guess he tuned the wrong way. Ted has been helping keep Pinellas County on the map.

We are still waiting for Frank - K4GT to hook his Swan to a good beam.

Hope Grid - W4GJO is coming along OK also. Haven't heard from him for a few weeks, although we have been sending 1/2 of all the 1969 membership fees to make sure he will have a better chance in his million dollar suit. ARRL is also behind him. It's sure nice to have friends when you



THE WONDER LADY OF THE USA. Mrs. Mae Burke, W3CUL of Morton, Pa. and Sarasota was kind enough to send this photo of herself and station. Al, W3VR, her OM keeps the equipment working and does his share of traffic work. Mae has handled almost 1,000,000 (one million messages) since she first started in the traffic game. She received her present call in 1932. W3CUL was Edison Award winner for 1956 and holds hundreds of BPL (Brass Pounder League) and Public Service Awards. Without a doubt, she is the greatest traffic taker this world has ever seen. How many of us can say we put in 8 hours a day, 7 days a week as a public service for the good of amateur radio? Congratulations to Mae and Al for a wonderful job.

need help.

Had a nice letter from Kay - K4TBG last week, and she is now on 2 meter SSB along with 6, but will be up in the North Carolina hills come June.

Kyle - WA4ZRB does not have his beam back yet but maybe he is looking for a wind-proof one.

Al - WB4CQU (Week Wachee country) also lost his beam but is back in business. Herb - WB4DJG from Middleburg has his SB-110 for sale and is hoping to be on low bands soon.

How about sending your county scores up this way? I am curious to know how my 37 compares to some of the others.

Since WA4BMC is a county hunter, maybe she will drop me a line too. Also we welcome letters from any new SSB stations in the state (including the old inactive ones). Keep the letters coming. We sure enjoy them all.

FLORIDORA NEWS

By Annette Thompson W4LKM

K4HSC - Meg's new Electro-Voice mike sounds good. Another new addition at her QTH - a color TV! Meg tells us that her OM shot a huge rattlesnake on their property and W4UF - Dot wished she had been there to get some of the steak.

W4DHN - Betty and her OM joined a group for a bus trip to the Lion Safari Country. Hope you got that snapshot of you petting the lion cub, Betty! She'll try anything - like holding the snake on a visit to a serpentarium.

WA4YNX - Alma is secretary of BARS and WA4QJN - Ann is treasurer. This new club is very active and growing fast.

K4CVR - Bessie has a second hobby - ceramics. Now she is taking

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a course in pottery-making and one in copper enameling.

Among the Floridors attending the Miami HamBoree were WA4YNX - Alma, WB4GZN - Karine, and K4TBG - Kay who will be moving to North Carolina. W4WYR - Evelyn did her usual good job of planning and supervising. Understand she has gone on a camping trip to rest up! Unfortunately few Floridors could plan to be at the HamBoree but we hope next year to have our luncheon and to be everybody's favorite coffee stop.

WB4JJO - Lory joined the Floridors Tuesday net with a brand new General Class license received the previous Thursday. She handled the mike like a pro. Lory is secretary of the Ocala Radio Club.

Floridors are happy to have new member WB4GHD - Joan who is a student and who has a General Class license. Hope you will be able to meet the net soon.

K4RNS - Marge had a short visit from K8TBX - Thelma who is wintering in Kissimmee.

DADE RADIO CLUB NEWS

Whew!! That old HamBoree is over for this year. According to those that should know this was the biggest one yet. The total attendance was the largest we have ever had, we had the most exhibitors, some very nice compliments, and very few beefs. In all, a good show. Everyone owes a big vote of thanks to the people that worked so hard to put the hamBoree

(Continued on Page 8)



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CLUB NEWS

(Continued from Page 7)

over. All the active club members had a hand in it, and special thanks to the members of the other clubs in the Miami area that helped out with many of the little jobs that are so necessary for a successful show. The buffet dinner and dance did not turn out to be as well attended as we had hoped they would be, but we made the "Nut" so came out alright anyhow. There will be much thinking going on before the next Hamboree to see if this part of the show can be made more attractive to more people. Any suggestions anyone?

The Club made a donation to the Grid Gridley Fund to help Grid out of the predicament he finds himself in, through no fault of his own. If he fails to win the case there in Sarasota the future of every ham in the country could be jeopardized as far as ham radio goes. So lets do what we can to help him and hope that he comes out ahead in the court battle. Looks like old windy here has run out of space already so CUL.

73 W4EDP

FLA. SIDE-BANDERS ASSOC.

By Rich Stanford, WB4EPD

All you who missed the meeting January 26, go lament your sorrows at the wailing wall. If you haven't yet heard, Tip Curran, W4GJI, treated us to as fine a history of the FSBA as we have ever heard. There are a good many of us who have been amateurs for only a few short years and even shorter have we been members of this esteemed group. Tip gave us quite a good insight into just what is behind all the stuff that is the FSBA. From the comments heard ever since, a deep word of appreciation and kind thanks goes to Tip for a fine presentation. It would do us all well to imitate a portion of the spirit he demonstrates.

On matters administrative, members who are now bent and sore of back due to excessive PEP badges may now seek relief. For every five PEP badges you have you should send them to the President and he in turn will lighten your load by returning to you one bright, cheerful red badge for each group of five black ones. This is a welcome change for those such as W4IAD, W4GJI, W4IYG and certain others.

Some very interesting things have been passed around lately. The FSBA is the sponsoring organization for two nets - one for traffic, one for emergencies. At an executive meeting on January 29, the Emergency Net Manager, W4QVE, and our President were toying with the idea of making the FAST Net Manager the Assistant Emergency Net Manager for Traffic and using the regular FAST Net control stations for primary Emergency

Net controls. This would give the Manager more time for administrative matters during emergencies. Vance also would like to use more stations for NCS during drills thus providing a ready bank of stations able to do efficient, precise NCS work during any emergency. An Emergency Net Manager for Mobiles was also mentioned.

One last word. President, Dave Stocky is K4KE even if he sounds like W4DLN. Times are a-changin' - hope to see you on 3940.

SOUTH MIAMI RADIO CLUB

By WN4JFA

At our last club meeting we had a good turn out among all the members. It was nice to see some of the old timers of the club come out. The meeting and program which followed was a film by the F.P.L. on Radio and TV interference.

The club put out the first edition of its newspaper to its members and a contest for naming the paper was announced. The winner of the door prize was Fred Wilson K4KRY.

Plans for the future call for a few dinners and some tours of local electronic facilities in the area. Ernie Fischer, K4KIC is the activities chairman and he promises some fine tours and activities.

The club is trying to reactivate a meeting on 6 meters one night a month. You all might look for us in the future. We wish to welcome Gerry Kratz K4IRA and his XYL Rose WN4FUL into the club. How about a few more licensed YL's and XYL's to come down and join us. Remember we meet in the Kendall Methodist Church, 7800 S.W. 77 Ave., across from Jeffersons on the east side of the highway. For more info, call 238-2583 or 446-2478 and ask for Joe WB4HIS. Meetings are the 1st and 3rd Friday of the month at 8:00 PM, come on down and have some coffee and doughnuts on us.

The program for March will be a old timers night with films taken by members at club sponsored events. See you then

73's George

DAYTONA GROUNDWAVE 2

By Richard Cullum WA4OQX

The January meeting was held at the Commercial Bank on South Ridge-wood. Our "Rig Fund" has accumulated enough from the sale of our old gear to bring us just short of enough to buy a new rig. Fred WB4BPO volunteered to loan us the balance we needed. It was motioned and passed to purchase a Heathkit HW-100. Our leader tells me it was ordered two days ago, so by press time it should be assembled.

Mr. John Huntoon, Editor QST, on his way home from the Miami Hamfest, stopped and had supper with the "E" board, and was our speaker for the evening. John spoke on the International Radio Agreement, and brought out many things that I did not realize existed. After the meeting, the board and XYL's went to Clyde's, W4SDR, for coffee and cookies.

This years SEET went off very good under the direction of our EC Lester WB4BPL. Mobile units were set up at the various Red Cross shelters, and K4BY was run by emergency power. A back up station at W4SDR. This year for a first we tried utilizing the members of one of the local CB clubs

(Continued on Page 14)

LETTERS

(Continued from Page 2)

wanted to know so, I decided to go it alone and see what happened.

It has been 4 months now since my accident and I can use my CW speed as a judge to see how fast I am improving. My sending arm was not affected, but evidently my brain was. My sending speed is coming back slowly, and so is my reception each week. I am thankful for my CW experience as a guide to my recovery. A doctor has predicted a complete recovery, but no time limit has ever been given. One Doctor remarked that if I'd tell him what St. Peter looked like he would tell me how fast I'd recover. Since then I've kept my mouth shut.

I am working a normal shift now, and CW is my hobby. I feel too self conscious about my voice to use phone, but am very grateful for CW, so, I know where I stand physically.

73

Judson West W4UHC
St. Augustine, Fla.

Dear Andy,

I would like to nominate my lovely, understanding, extremely patient, perfect XYL for the Dear Mabel XYL Award.

The poor thing came South from New England just a few short years ago and I'm afraid I caught her off guard being a Southerner and all. Seems as though I didn't spring amateur radio on her until after the vows had been made.

She has put up with all the usual things such as arranging meal schedules to fit net schedules, junk boxes, unexpected visitors who stayed until two in the morning, the new transmitter that came before the new washing machine and relinquishing one whole room to "the hobby".

She has two outstanding qualifications: (1) When 8-1/2 months along with our first child this delicate creature successfully balanced a thirty-two foot vertical in a 25 mile per hour breeze while this OM ran around setting guys - a monumental task; (2) Ever patient but with a sigh of defeat, she stood by recently while our first born, now almost three, wished the OM 73 instead of goodnight. Can't imagine any higher requirements for the Award.

I hope you can give this request your early attention. The XYL of WB4EPD is EMMA STANFORD, and of course she resides at this QTH. Oh yes, she always reads FLORIDA SKIP.

Thanks and 73.

Sincerely yours,
Richard Stanford, WB4EPD
Clearwater

Editor:

Would it be possible to obtain from you one or two copies of Florida Skip which carried the item on the T.V.I. suit against the amateur operator in Sarasota, Fla.

We of the Thunderbird Radio Club feel this should be of great concern to all C.B.'ers, as well as the amateur's, because if this turns out as a trial case and the amateur loses it, this could set up a pattern for anyone who might experience T.V.I.

The Florida State Citizens Band Radio Association will have our Board Meeting, February 9th, in Tallahassee, with 56 clubs attending. This will

represent approximately 5000 or more members and I am sure they will be interested and willing to help any way they can, if necessary.

Also with your permission would like to send this information to S-9 Magazine, C. B. Magazine and National C. B. News, for publication. This would bring it to the attention of approximately 500,000 C.B.'ers. Hope to hear from you soon.

Mel Fender
Florida State C.B. Association
Representative for District #3
P.O. Box 615
Palm Bay, Fla. 32901

Have been enjoying Florida Skip very much since getting it last summer. It seems to be one of the few ham magazines which keeps going at the usual high standard. I notice you occasionally print pictures of the stations of Old Timers so I am enclosing small prints of my 1914 station 3PL, 1921 station 3FA and my present rig down here, also a larger picture of my antique radio collection. In addition, there is a clipping from Monday's St. Pete Times which you might enjoy reading.

My only regret since moving down here was the passing of my old ham friend and classmate Charlie, W4IE and also learning of Col. Marcy's serious illness. I met Ray Guy W4AZ at the AWA Meet in Washington in October but of course over here I joined the Gator Chapter of QCWA and we have our own monthly luncheons which are very fine affairs. I frequently see Frank Shannon K4GT who wrote the story about Charlie Service in your paper a couple of months ago. I was in the picture on page four of your February issue but it so happened I was on the dark side and could not be identified. Keep up the good work. I think I am paid up until at least July of this year.

73

Franklin Atlee K4PI
St. Petersburg, Fla.

Editor SKIP:

I enjoy FLORIDA SKIP and wish it came out every week, though. I know it is a big job getting it out once a month.

I am retired now and expect to change my call to W4 come this spring. I believe it will be Pompano Beach or close by.

Enclosed is a copy of my rude awakening and thought others may have made the same discovery.

As always,

Edward D. Flynn
W9HND - Chicago

Editor:

Don't ever expect me to subscribe to your magazine. Not that I don't like it - it's great. It's just that I get to read it for nothing.

No, I'm not a mailman. I think the way it works out is that W4RE gives it to W3AIR, then AIR gives it to me. At any rate, every so often Frank drops off one of your issues, and it always has Robble's name on front.

Well, the last issue had a rubber stamp on front "Subscription Expires This Issue" and it still had the free envelope inside and everything. I don't want to lose my free subscription, and I hated to see the envelope go to

(Continued on Page 9)

waste, so thought I better send you a couple bucks. So Robbie will... well you see what I mean.

Skip always has something interesting. I've clipped and saved several circuits from past issues. I guess the biggest thrill I got was seeing my old NCR C.O., J.H. Nicholson (W4EEN) when he lived up this way, and I've forgotten his 4 call already) pictured in his Florida shack. Another was when you printed my Hambar ad for a hand-held calculator. I suppose some readers didn't know what I was talking about, but a ham from Ft. Lauderdale phoned me pronto and I bought his - a bargain and I use it nearly every day.

Phony Phonetics? How about Gnat Knife Pneumonia for W4GKP William L. Smith, W9GKP 1525 Spencerville Rd. Spencerville, Md. 20868

Dear W4IYT OM.

How do you do? I looked the VY FB photos, they were you and your family, and "Dear Mabel Award".

Will you please give my XYL your Award? Because it is as follow. I began Ham Radio on 1955, I was 15 years old.

Then I married her on 1964. She is very good understanding for me and the Ham Radio. She also began it on July this year, her call sign is JA6HIZ. I'll give her a present of your Award, it is the best.

PSE PSE give her "Dear Mabel Award".

Her name is Yoshiko Murakami. I hope you write "Dear JA6HIZ" on it.

Best 73!

De JA6KZ

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RICHEST HAM IN FLORIDA

"The richest ham in Florida". "Talk about your Gettys or Hughes, do you know who is the richest ham in Florida? Well, it is K4LPX, Chester A. Conklin, of Rt. 2, Box 466, Bassville Park, Leesburg, Florida 32748, a member of the Lake Amateur Radio Association, of Lake County.

Conk's son-in-law took a color picture of Conk's shack while visiting the station and just recently sent Conk some colored prints of the picture. In fact he sent 6000 (six thousand) of them as QSL cards, two boxes of fifty pounds each.

So you can say that Conk is the richest ham in Florida, at least in QSL cards, with little fear of contradiction. But now Conk has a problem, he says he got some 100 cards printed when he first came to Florida from Iowa some 13 years ago and still has about half of them left.

Conk is the trustee of the L.A.R.A. Station at it's club house located on Springdale Ave., off Haines Creek Road off U.S. 441 between Leesburg and Eustis.

So now if you want a beautiful card to brighten up your shackwork K4LPX on either 14260/60 K.C. most any morning, or on 3900 KC Wednesday at 1 p.m. or on 29560 kcs on Sunday at 1415 GMT on the Moron Net and enclose a S.A.S.E. (Conk may be rich in QSL cards but he is retired and has to eat like all of us)

Conk is a retired telegrapher, railroad, from Iowa and is 79 years old. So if you want a card send the S.A.S.E. PSE."

HAMBAR

FOR SALE: SX - 117 rcvr \$225.00; SB-400 xmtr \$200.00; both in excellent condition. Merle L. Towle, K4CYC, 1516 Meadowridge Dr., Valrico, Florida 33594, Tel. Tampa 689-6678.

Malpelo Navassa Clipperton

By Ed Cushing-W4QVJ

Just like hitting the mule between the eyes with the sledge hammer to merely get his attention!!! Now that I have the undivided attention of all the DX'ers in the readership I'll mention that all three of the above are not going to be "on" in February.

Only Malpelo.

Call sign will be HKOTU and operations will start on February 21st if all goes well with the boat and the landing difficulties. This island is termed "inaccessible" by the U.S. Navy and indeed only the most intrepid of preparations allowed the previous operation in '61. No other operations have been held from the island off the coast of Colombia in the Pacific since then. Many who attended the Miami Hamboree in January '62 will recall the color movies of the treacherous shark-infested waters and hearing the tales of the operation from the fellows involved.

The current dx-pedition is under the auspices and sponsorship of the League of Colombian Radio Amateurs with the assistance of the Florida DX Club. W4DQS and W4VPD will be operators on this trip. DQS was a member of the first successful operation while VPD is making his first stab at dx-peditioning.

Frequencies will be 5 kc. up from each band edge for CW and 14195 for SSB. Further SSB frequencies will be announced - probably by the 20 meter ops. Two complete stations will be

utilized allowing simultaneous operations on CW and SSB. Drake gear plus Hy-Gain beams will be used.

QSL info: via HK3RQ, Aptdo. Aereo 4468, Bogota, Colombia, SA. with SASE, IRC's (or better yet, mint Colombian stamps obtainable from W2SAW and a word of caution - use GMT only . . . if no GMT, no QSL!

HAMBOREE

Visitors to the TROPICAL HAMBOREE were treated to a new and novel stunt at the Amateur Radio Center booth. On the hour, every hour a small prize winner was announced over their private PA system.

Sometimes it was almost impossible to get around their booth area during call outtime. 527 hams voluntarily registered for the drawing and approximately 25 prizes were awarded the winning numbers found on the free tickets. Ernie, K4KIC, did a good job of handling the show at the ARC booth, though I think he was a little "horse" for two or three days after. W4JO

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NET NEWS

FATT NET

By Rex Peters W4ZAG

The Florida Amateur Teletype Traffic Net, went that-a-way December 1, 1968. Due to lack of participation, only about four stations checking in periodically, not much of a net. Soon after the net was first started about four years ago, there was about 12 on the roll call. Where did they go? I don't hear them on the amateur bands, which leads me to believe they went to the MARS nets. I have nothing against the MARS net, but where else but on the FATT net can you go in the evening to rag chew, help each other with RTTY problems, get up to date information on the latest developments, in fact find out most anything you want to know about amateur RTTY or know where to find it. I have a lot that you will not find in print.

Most any night you will find me calling CQ on the net frequency of 3784 KHZ. Each night at 7 p.m., with the hope that the net will get back in operation. Come on in and let us help you get going on the green keys.

The 11th Annual Meeting of the Florida RTTY Society met at Daytona Beach on January 12th, 1969. And Harold Grigsby, K4MFF Largo, was elected president. 73.

TROPICAL PHONE NET

By Ken W4SMK

The TPTN held a special session on Sunday Jan. 26 to help in the national Simulated Emergency Test. The net was in session nearly eight hours and handled a total of 161 messages with 147 stations participating. The regular net control stations were in charge of the affair for an hour each, and nine stations helped with liaison to other phone and CW nets. Net manager WB4EPD said well done to all those participating.

It was good to hear W4SDR back on the air during the SET. Clyde is manager of the FMTN and has been in the hospital, but sounds in fine shape again.

Glad to hear W4MVB mobile and portable back on the net when Jess is able to get near a mike.

We understand that Doc WA4UJX is planning to move from Ft. Myers soon. Check in to the net when you get located in the new QTH Doc.

K4YSN has been back with us and helping out with liaison to QFN and other chores. Tandy does his usual good job as NCS, liaison, or whatever.

If you follow the traffic totals in Fla. Skip you will see that this net is usually number two among the phone nets. Like that auto rental company which is also number two we like to think we try a little harder.

A reminder to all stations and emergency coordinators who participated in the SET to get your reports in to the proper authorities ASAP. Regards, Ken

FLA. MIDDAY TRAFFIC

By Herb, W4LSR

We are all relieved and happy to have Clyde, W4SDR back with us again after his long ordeal in the Hospital. Rumor has it he is eating his weight in pork chops. You had a rough time Clyde, but now you know that a lot of people cared a lot.

Charlie, W4AKB is back with us. We welcome Jim, W4KRC in Tampa and Ed, WB4KWJ in Wauchula who were added to the roster in January.

Florida's Top Traffic Passers lent their skills to the FMTN and other Nets during the recent Simulated Emergency Test. This Net extended our Saturday session to 2019 GMT and held a special Session on Sunday from 1700 to 1940 GMT, for a total of 5 hours and 59 minutes. During this period 155 pieces of formal traffic were handled for a score of 663 points. Net Control Stations were W4SDR, K4DAX and WA4RQR. K4LEC, W4KRC, WB4AJZ, K4YSN, WB4AIW and WA4SCK acted as Liaison Stations to QFN, 4RN, RN5 and WFTN. Our compliments to all for a job well done.

The Simulated Emergency Test emphasized the need for more outlets in more cities and towns all over the State. Readers of this column who are not active in the nets are urged to join one or more of these groups. Traffic passing is not just a pastime. It is excellent training for possible emergencies when we are needed to perform an important Public Service and help to justify our existence as Amateurs. There are several fine Nets in Florida, all members of the National Traffic System. Each is in session at a different time of the day and evening to suit your free time. Come in and get your feet wet.

Your Reporter is looking forward to "eyeballs" with many of you at the Orlando Hamfest, April 26 & 27. Ansel Gridley, W4GJO the "Million Dollar Baby" will be our M.C.

FMTN held 28 sessions in January. 667 Stations handled 582 messages. Average QNI was 23.8. Average QTC was 20.8.

FLAMINGO NET NEWS

The net has been bouncing along on schedule every Friday evening with some good check-ins most weeks. Some of the old timers are coming back quite regularly W4NJM, and W4BWP to mention a couple. We have a couple of new members of the net who have just made the necessary three check-ins to join. Welcome to WB4HOF Gary, and WA4UTI Ron. Ron is located in Ft. Lauderdale but puts a fairly good signal into Miami most of the time.

The last transmitter hunt was won by the old master of the hunt himself Carl W4DTJ. It is his turn to hide next just for that. He is a pretty wiley hider so I don't know if that is good or bad. Tell you more about it after the next hunt!

For some reason the skip has been pretty scarce on the ten meter band during the evening hours. Maybe it is my imagination but it seems that last year at this time we used to have stations check in from all around the country nearly every week. Maybe the late late show.

Well, what do you know here is the end of the paper so I'll have to say 73 es CUL.

W4EDP



FLORIDA IS PROUD TO HAVE among its old, old timers, Mr. Franklin Atlee K4PI/K2PI, who is now living at 92-31st Ave., St. Petersburg, Fla. 33706. Frank started out in "wireless" back about 1903. This neat station keeps in contact with his many Florida and northern buddies. He is a life member of the OOTC (Old, Old Timers Club) and many other such clubs. Next month we hope to print a photo of his 3FA 1921 station.

ORLANDO HAMFEST

The Orlando Amateur Radio Club's annual Hamfest will be held at the Statler Hilton Inn April 26- 7, 1969.

The theme this year is VHF. There will be no banquet on Sat. night as in previous Hamfests, but instead there will be a VHF program at 8 p.m., featuring Richard Hart, KOMQS, from Cedar Falls, Iowa. Dick has 44 states on 2 meters and recently made the first S/S moon bounce contact with K6MYC.

The program will not be all technical so the YLS and XYS will enjoy it too. Other famous VHFers will be there.

PHONEY PHONETICS

This listing is for "eye ball QSOs". Please don't use them on the air!

K4APE - APE
WA4EJQ - Engine Jet Quick
W9JMM - Jolly Mickey Mouse
W4VCY - Very Cranky Yankee
Very Confederate Yankee
Very Crabby Yankee
Very Caustic Yankee
Very Corny Yankee

(Take your pick!)

TOP TWENTY TRAFFIC TAKERS

By W. G. Blasingame WA4NEV

| | | | |
|-----------|-----|------------|-----|
| 1. WA4SCK | 692 | 11. WA4FGH | 209 |
| 2. WB4AIW | 480 | 12. WB4FLW | 208 |
| 3. K4EHY | 471 | 13. WA4AYX | 198 |
| 4. W4ILE | 458 | 14. K4LAN | 179 |
| 5. WA4NEV | 417 | 15. WB4IER | 158 |
| 6. WB4EPD | 349 | 16. K4LEC | 134 |
| 7. W4FP | 333 | 17. W4EHW | 134 |
| 8. WA4IJH | 277 | 18. WA4HED | 130 |
| 9. W4IKB | 252 | 19. WB4HJW | 130 |
| 10. K4Vfy | 243 | 20. W4OGX | 126 |

TRAFFIC HOUNDS

| NET | QNI | AVG. QNI | QTC | AVG. QTC | SESSIONS |
|------|---------|----------|-----|----------|----------|
| FMTN | 667 | 23.8 | 582 | 20.8 | 28 |
| TPTN | 804 | 29.7 | 323 | 11.9 | 27 |
| QFN | 675 | 11.9 | 381 | 6.7 | 57 |
| FAST | 823 | 30.4 | 177 | 6.5 | 27 |
| FPTN | 455 | 17.0 | 171 | 6.3 | 27 |
| NHN | 33 | 4.1 | 18 | 2.3 | 8 |
| WFPM | Missing | | | | |

AMATEUR OF THE MONTH

If it was a good many years ago that Jim Wilson, W4GDK of Ft. Lauderdale started in ham radio. At the age of 14 in 1921 in Wheaton, Ill. he got a conditional license by mail. His call was 9BUK. He went for his General a year later. He got his Class "A" about 1932 but seldom used phone on the class

A bands. While living in Calif. he held W6DGP in Hollywood.

While working on a 7 meter police radio in Illinois about 1935 Jim and his associate became aware of long skip when reported often by a New Jersey police department.

About 1945 in Evanston, Ill., Jim swung into action on the Ill. CW nets. Before long he was appointed RM (Route Manager)

by ARRL. He held that post for 9 years until he got irked by the pressure of "County Fair" traffic and resigned.

In 1954 joined Army MARS and shortly there after retired and moved to Ft. Lauderdale. In '63 Jim joined Navy MARS and presently holds the call N0WCK. He is Deputy Coordinator for South Florida and manager of three nets including

their main traffic net and Antarctic Phone Patch net for the Sixth Naval District.

Last but not least Mr. Wilson writes two regular monthly columns in FLORIDA SKIP, one for NAVY MARS and the other for his club, The Broward Amateur Radio Club. JIM has two married children and tolerant wife Ethel who has served dozens of meals while W4GDK was on the air.

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SET SCORES

Here at March deadline we have the following SET scores. Next month we hope to have a more complete EC listing. Come on you guys, give.

WA4SCK, Indian River Co. 78, W4SMK, Lee Co. 42; W4FP Polk Co. 456; W4GUJ Duval Co. 227.

Net standings: FMTN 633; QFEN 1746; FSI EN 1222; NHN 177; TPTN 1000; Volusia Emergency Net 212.

The above figures are about 100% increase over last year's scores. In some cases, they are more than 100%. Congratulations to all Net Managers and net members for a great showing this year.

FLORIDORAS

EACH
TUESDAY
9 A.M.

3933 kHz
ALL YL's
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Pres. W4WPD, V.P. W4UF,
Sec. W4EHN, Treas. W4BIL

Collins Owners: Modify and up-date your 75S1 with scarce "Waters" Q Multiplier. Modification includes increased sensitivity, gain, greatly reduced cross-talk and better AGC action. Complete with Q Multiplier \$86.75. Modifications without Q Multiplier \$29.95. 75S3 Series modified \$29.95. 75A4 Series \$59.95 guaranteed. Want 500 Cycle Mechanical Filters for 75S1.

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(AROUND THE CLOCK)

W3ADK W3USG
W3BWH W8DUX
W3MMG WA3CHB

75 METERS ON YOUR 100 FT. LOT

By TOM CHISHOLM, W4FP Ex 2CY

For the many lads who can't get an antenna up for 75 meter phone, particularly the 3940-45 kc. phone nets, the long forgotten and seldom used Hawkins Double "V" antenna might be the answer to their space problems.

Requiring about 1/6 less space, 3940 kc can be reached with a wire length of approximately 96 ft. per half wave length instead of the usual 119 ft. This difference of 23 ft. could solve the antenna problem on a short lot.

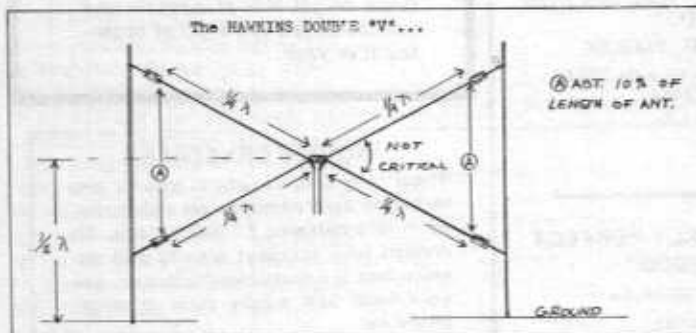
The antenna is less directional than the half wave dipole; has a lower "Q" thus can be tuned over a wider portion of the band. The impedance is around 75 ohms at resonance. The center junction of both the "V" and the inverted "V" should be a half wave-length above ground for maximum results. The ends of each "V" can be verticle or horizontal. Proper wire lengths can be cut by using the following formula.

$$L = \frac{379}{f \text{ MC}} \quad \text{derived from} \quad L = \frac{(K-0.12) 492}{f \text{ MC}}$$

The following table compares the given lengths of the Double "V" and the Dipole and can be used for quick reference.

| FREQUENCY | DOUBLE "V" | DIPOLE |
|-----------|------------|---------|
| 2000 Khz | 189 ft. | 235 ft. |
| 3500 Khz | 108 ft. | 134 ft. |
| 4000 Khz | 95 ft. | 118 ft. |
| 7000 Khz | 54 ft. | 67 ft. |
| 14000 Khz | 27 ft. | 33 ft. |

Perhaps the above information will help to put more of the boys on the 75 meter traffic and emergency nets.



The Hamboree held in Miami Jan. 18-19 gave many of us our first opportunity to meet our new 6th District Navmars Director Chief Gene Leafy. He and his wife are both licensed hams and members of Navy MARS. He seems to be a very aggressive and alert administrator. The program should go far under his leadership. He says he greatly enjoyed his visit with the Florida members and feels he got to know us much better.

During Jan. the Navy found it necessary to pre-empt 4015 khz for a few days. As this frequency is widely used in the 6th Naval District this caused much confusion. Other frequencies were shared, however, and now we are back to normal.

Chief Leafy says that the three MARS services are now officially represented in the Defense Dept. which is a great gain.

SO, FLORIDA. We congratulate Bill Rowe NO1TK of Clearwater on his appointment as Area Coordinator of S. Florida.

SPACE TERMONOLOGY

- AFCS - Automatic Flight Control System
- Air Force Communication Service
- AFSC - Air Force System Command
- AGE - Aerospace Ground Equipment
- CSM - Command/Service Modules, Apollo Spacecraft
- DSN - Deep Space Network
- LM - Lunar Module; Apollo Spacecraft
- MOL - Manned Orbital Laboratory
- MSFN - Manned Space Flight Network
- SPS - Service Propulsion System.

(MARS-SCOPE W4CII)

He succeeds Jim Robbins NO-JWY whose business responsibilities prevented him from continuing as Coordinator.

Guy Watson NOKXZ of No. Miami Beach is very pleased with his new single intermediate ham call, K4APE. Now he won't have to monkey around any more!

N.W. FLORIDA. On Jan. 30 a bunch of the N.W. Fla. Navmars folks had an informal meeting in Pensacola at the home of Toni, Lou, and Sam Delson where coffee, cake and doughnuts were served. Liz the XYL of Dave, Area Coord. NO-GAK, made the cake. NOEOE came from Ft. Walton Beach and Jim NOLNB drove over from Tallahassee. They urge members out that way to get on the Tri-State net on 4016.5 khz at 0200z.

N.E. Florida information not available at press deadline.

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Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere.) Any individual amateur may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

ARRL LISTINGS

Director, S.E. Division
CHARLES BOLVIN W4LVV
2210 S.W. 27th Lane
Miami, Florida 33133

Vice Director, S.E. Div.
A.L. HAMEL, K4SJH
220 N.E. 25th Street
Pompano Beach, Fla. 33064

Acting SCME - Fla.
WILLIAM G. BLASINGAME
W4ANEV
716 Magnolia Street
Neptune Beach, Fla. 32050

SCM West Florida
FRANK M. BUTLER, Jr. W4RKH
323 Elliott Rd., S.E.
Ft. Walton Beach, Fla. 32548

SEC East Florida
ANDY CLARK, W4IYT
41 Lenape Drive
Miami Springs, Fla. 33166

SEC West Florida
G.D. McKECHNIE, W4IKB
1000 N. 6th Street
Chipley, Florida 32428

Asst. SEC East Florida
TOM CHISHOLM, W4FP
P.O. Box 2273
Lakeland, Florida 33803

NET LISTINGS

QFN (all Florida)
Daily 6:30 and 10 p.m.
3651 kc. Net Managers
K4LAN/K4EHY

FSBA Sundays
5 p.m. on 3940 kc.

FSBEN Wednesday
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,
Sundays
7:30 a.m. on 3910 kc.

GATOR NET (GN)

Daily 8:30 a.m. on 3651 kc.
Net manager: (acting) W44SCK

TROPICAL PHONE TRAFFIC NET (TPTN)

Daily except Sun., 5 p.m. on
3945 kc.
Net Manager: WB4EPB

FLA. AMATEUR SIDEBAND TRAFFIC NET

(FAST) Daily except Sat.
6 p.m. on 3940 kc.
Net Manager: W44TWD

WEST FLORIDA PHONE NET (WFPN)

6 p.m. on 3957 kc (2300Z)
Net Manager: W44AYX

FLA. PHONE TRAFFIC NET Mon. thru Sat.,

7 a.m. on 3945 kc. Net
Mgr: W44CIC

NOVICE HURRICANE NET (NHN) Sat. & Sun.

1830Z on 7165 kc.
Net Manager: WB4DDO

LAKE OKEECHOBEE TRAFFIC NET

2 Mtrs. 145.2 Mcs.
Wed. 2000 Local
Net Mgr.: WB4BMR

GOLD COAST EMERGENCY NET

6 Mtrs. 50.445 mc Mon. 2000 local
2 Mtrs. 145.23 mc Tues. 2000 local
WB4CKY, EC Broward Co., Mgr.

FLA. MIDDAY TRAFFIC NET

Daily except Sun. at 12 noon
EST on 7230 kc. Net Mgr. W4SDR

CLUB LISTING

BROWARD AMATEUR RADIO CLUB W4AB

2nd Wednesday, 8 p.m.
25 S.W. Ninth Street
Mailing Address: P.O. Box 8673
Ft. Lauderdale, Fla. 33310
More info. call 522-2606, 522-5674

LAKE AMATEUR RADIO ASSN., INC., W4YKY

Meets each Thurs., 8 p.m., EST
Clubhouse, Springdale Ave.,
Bassville Pk., between Leesburg
and Tavares, Florida
Mail to Sec., 1270 Sheridan Rd.,
Mount Dora, Fla. 32757
Phone: 383-4548

HILLSBOROUGH AMATEUR RADIO SOCIETY, INC. W44GJJ

Meets 4th Tuesday, 7:30 P.M.
Odd Fellows Temple
6220 Nebraska Ave, Tampa, Fl a.
Mail to: 4401 W. Cayuga (33614)
Visitors always welcome

DADE RADIO CLUB, INC. (W4NVU) 1st & 3rd Tuesday,

'Museum of Science 8 p.m.
3280 So. Miami Avenue
Miami, Florida
Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33152

NORTH FLORIDA AMATEUR RADIO SOCIETY W4IZ

2nd Thursday, 7:30 P.M.
Duval CD Headquarters
107 Market Street
Jacksonville, Fla. 32202

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC

Meetings: 1st Friday
FPC Lineman's Assembly Hall,
25th St. & 25th Ave., N.
Mailing Address: P.O. Box 4026
For information phone:
544-1856 or 526-6731

ORLANDO AMATEUR RADIO CLUB, INC. - W4PLB

1st Tuesday each month, 8 p.m.
First Nat'l. Bank of Maitland
Mailing Address: Box 13267
Orlando, Fla. 32809
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All licensed Florida YLs invited
to join.
Mailing Address:
Cathy Soehl, W4BAV
647 Jungle Way
Sarasota, Fla. 33580
Nets: Tues., 1400Z on 3933

GAINESVILLE AMATEUR RA- DIO SOCIETY, K4DPZ 1st Tues.

8:00 pm, Alachua CD Head-
quarters Basement, County
Court House. Mailing Ad-
dress: 1421 SW 13th Ave.,
Gainesville, Fla. 32601

TAMPA AMATEUR RADIO CLUB, INC. W4DUG

Meetings: 1st & 3rd Mondays
7:30 p.m.
Club House: Davis Islands,
Columbus & Barbados
Mailing Address: 943 Cimmer-
on Ave., Tampa, Fla. 33603

SARASOTA AMATEUR RADIO ASSN. INC.

Meets 3rd Tuesday of each month
8 p.m.
At Sarasota Federal (S. Gate Branch)
Club Call W4IE in memory of
Charlie Service

CARTERFONE GETS FCC DENIAL OF PETITION, WAY OPEN FOR NEW TARIFF

The FCC on September 11
denied AT&T's petition for re-
consideration in the Carterfone
case. At the same time, the
Commission stated that AT&T
may now file tariff changes,
"consistent with the decision,
as it wishes without further
Commission order."

AT&T issued the following
statement:

"We are pleased that the
FCC's current order permits
us to proceed immediately with
the filing of the new tariff we
originally proposed on August
29. We believe that this tariff
represents a major step in our
continuing efforts to make the
nationwide communications
network more and more useful,
at the same time adequately
safeguarding the quality of ser-
vice to the general public.

"We have not yet received a
copy of the Commission's order
and therefore we are not in a
position to comment in detail.
However, we do not agree that,
as indicated in the FCC's pub-
lic notice, the long standing
tariff provisions canceled by
the Commission's June 27 order
were or had been unlawful."

The June 27 order found that
Carterfone filled a need and did
not adversely affect the tele-
phone system. It also held that
the tariff precluding its use was
unlawful--and had been in the
past--because it prohibited the
use of Carterfone and other cus-
tomer-owned connecting de-
vices without regard to actual
harm caused to the telephone
system.



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CLUB NEWS

(Continued from Page 8)

to operate from the shack at the Red Cross to several of the shelters. Seemed to work very good and may be included in the local disaster plan. All went well, except that CD did not participate with the club this year again.

We welcome two new members to the club at the Jan. meeting, Marge Campbell K4RNS and Sam McCluney K0ECG/4.

Feb. 1, we had a short session at W4SDR's on log perotic Antennas. Ralph Shaw, who is an engineer for Western Electric Co. specializing in antennas. Ralph, who is also a member of The Greater Atlanta VHF Society. Clyde served coffee and cookies.

BEWARE contenders of the Fla. Skip Field Day Trophy!

SUNCOAST VHF CLUB

Nancy WA4EDL

The club has been re-activated and we started our activities with a night transmitter hunt Feb. 22nd. For details check-in to the new net night, - Sunday nights 2100 est - Freq of 51.5 mc. All area hams are invited to polish up the mobile rigs and try to find us.

We are planning activities for at least three months in advance so everyone will have time to plan to join in the fun. All bulletins on area activities will be printed here and put on the Sunday night nets.

New officers are: Jack Greene W4OHJ Pres., Ned Harbert K4CNB V. Pres., Barney Register WA4FEO, Sec/Treas. Trustees - Bill Bell, K4AVH - Jim McNeely K4ZIR - Jim Young K4LYS. Net Control Officer is Art Bond K4HQA. We hope by next month our group and activities have doubled.

WESTERN FLA. NEWS

By Frank M. Butler, Jr., W4RKH

Pensacola: 8R1Y/W4 visited here during SET. K4LAN served as liaison between WFPN, QFN & NTS during SET. WA4ZYX implemented new call-up procedure for WFPN. WA4IZM hopes to be back from Viet Nam by June.

Fort Walton: WB4EQU is new EC for Okaloosa County. WB4EER was guest speaker at annual EARS club dinner for wives and guests. The 2m FM repeater was moved to a 150' water tower for better coverage. WB4CFQ built an all-solid state CW I.D. generator for the repeater. W4-

UXW got a second call for his store, WB4LYW. WA4PUC was transferred to Thailand, and received special permission to operate HSI on 20m.

Crestview: W4OZX is back in the area and active on 75m SSB.

Defuniak Springs: K4KHV is installing 2m vertical and beams on his new 120' tower.

Panama City: WN4LUW just received his ticket. Port St. Joe: W4WEB replaced K4RZF as EC for Gulf County, but Bob continues as CD Director.

Marianna: The MARC is looking for a new meeting place.

Tallahassee: An Emergency Coordinator is needed for Leon and Jefferson Counties. WB4IXX reports a 6-meter net meeting each Wednesday at 2000 EST on 50.25 and 50.4 Mc. Other members are WB4KAW, K4AQE, W4UAV, WA4WBS and WA4PIO.

B.A.R.S.

By Gene Burton - WA4YNW

The Brandon Amateur Radio Society met February 10, with a very interesting program on "Wave Motion" by John Dodge, engineer with General Telephone. The mechanical demonstration certainly proved that, except in very special cases, a wave is three-dimensional.

Our meeting on March 9 will be "Lightning and Grounding Systems," by Elpidio Garcia, engineer with General Telephone.

Since our last meeting there have been three antenna raising parties, for WA4RGO Al, K4AFP Lou, and K4AAI Art. Those helping the above were WN4LIP Dale, WA4ZWW Jim, Don Myers (license not yet arrived), WA4AIF Ira, and WA4YNW Gene. In recent months, 2 Meter FM seems to have caught on in the Brandon area. K4AAI Art, WB4GZN Karine, WA4ZWW Jim, WA4YNW Gene, WA4YNX Alma, WA4RGO Al, and K4UXE Hal can be heard on 146.94. Try 2 Meter FM - it's fun.

JOIN



PULSARS

WHAT ARE PULSARS? Pulsars are celestial objects related to the Quasar Class that emit pulses of radio energy near 81.5 MHz. Chart recordings of signals received by radio

STATE FAIR AT TAMPA

Since 1927 (20 years ago), with exception of WWII years, our club has operated the W4-DUG, Tampa Amateur Radio Booth at this annual event, providing a Public Service to the Fair-going patrons by offering to send free radio messages all over the United States and to several foreign countries. This service provides a means of advising friends and loved ones back home of the senders' whereabouts, well being etc., which in many cases would not be done if not for this service.

An average of about 4000 messages have been handled each year during an 11-day Fair period. This service is greatly appreciated as year after year persons who sent messages in previous years, advise they were received and thank us for it.

Operating the W4DUG Booth successfully requires considerable work on the part of its members. Our radio station equipment must be moved from our club house and set up in operating condition at the booth. The site must be cleaned, dressed up and made attractive to draw the Fair goers' attention. Arrangements for the daytime radiotelephone and nighttime CW operators as well as a considerable number of counter workers must be scheduled. Prearranged schedules must also be set up to channel this voluminous amount of traffic toward their destinations.

Watch for details next month. (TARC Bulletin, WB4DMZ, Ed.)



By J. R. Hopkins, AFC4BND

The Miami Hamfest meeting for Air Force MARS members was a truly satisfying one. As in all things in our great country, not everyone was 100% happy but all were pleased with the great progress that was made. As a result of this, we are all looking forward to 1969 as a year when great new expectations will be realized.

Chief MARS, Major Richard Waring, Sid Antin from ECR, Sgt. William Elmendorf from AFCS, Sgt. Charles Olvis also from ECR and our own Herman Schenck State director were all at the meeting. I'm sure the progress made was a direct result of this fine representation.

A special vote of thanks is due our State Publicity coordinator Alan Strauss for his efforts on behalf of the mission, both during the year and at the meeting. His tireless efforts on our behalf resulted in a completely coordinated effort for success.

Major Waring brought along many slides of his original trip to Viet Nam and Thailand where he and one assistant set up all the MARS stations there. Set up means they physically installed much of the equipment and antennas themselves. The accompanying stories while new, were typical of American servicemen and Hams. Major Waring is leaving us this summer and going on to greater things.

Our loss will be someone else's gain, he is leaving a pair of large shoes to fill. Sgts. Elmendorf and Olvis will also be retiring but will remain in the program as Mr. Antin has done.

One of the new missions for the year will be emphasis on our youth training program. Any and all interested in this phase of the program should contact the state director through your net mgr.

In closing I want to point out AFB4JTK Alan Strauss is in no way responsible for this months column. His ever increasing burdens as Public Affairs Coordinator leave him little time for family life so I volunteered! Your comments good and bad are earnestly solicited.

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Non-subscribers rate is \$1.00 for ten lines and 5¢ each additional word.

To Commercial Business: Classified, undisplayed - 50¢ per line; illustrative or General Display with border - \$3.50 min., \$60/page; initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns=40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P. O. Box 501, Miami Springs, Fla. 33166.

WANTED: INSTRUCTOGRAPH code machine. Hank Schueler, 6431 SW 18th St., Miami, Fla. (Paid adv.)

FOR SALE OR TRADE: 6 Meter Station. Knight TR106 transceiver with matching 107 VFO and base, plus Cushcraft 5-element beam. All like new. Complete station \$110. Also have Knight CB Safari I, 5-watt 23 channel transceiver, 117v-12vdc plus HyGain CLR-2 antenna. Complete station \$100.00. Saul Cohen, K4ACJ, 4524 Michigan Avenue, Miami Beach, Fla. 33140, Phone 531-9782.

FOR SALE: Like new Drake 2C with YC speaker/Q multiplier and switching unit with 4 crystals to cover 28.0 to 28.5 mc and 31, 25 and 19 meter SW BC \$225.00 DK60G2C relay \$12.00. T. Fleming K4KSZ, 12465 SW 32 Terr. Miami, Fla. Phone 226-1612.

FOR SALE OR TRADE:

QST's 1930 to 1965 complete, CQ Magazine, 1950 to 1965, 2 years R9 magazine, 2 years RADIO magazine. Interested in two meter AM and FM. T. R. Peterson W4QBB 2215 St. John Ave., Palatka, Fla. 32077.

(Paid adv.)

FOR SALE: SENECA 6 and 2 transmitter, excellent condx. \$90.00 or trade for 2 meter FM gear. Fred Wilson K4KRY, 7450 SW 100th St. Miami, FL 33157 Phone 667-1588.

FOR SALE: Galaxy V MOBILE POWER SUPPLY LIKE NEW \$50. ALSO LAFAYETTE HE45A VFO \$40. M.W. Branan, Jr., 1632 SE 18th Ave., Ocala, Fla. 32670. (Paid adv.)

FOR SALE: Two mike preamps at \$4.00 each; two speech compressors at \$6.00 each; Heathkit Q Multiplier HD-11 at \$10.00; 6-meter XTL xcvr (.07 watt) at \$9.00. Howard Stark, W4MTH, 9231 Caribbean Blvd., Miami, Fla. 33157, Phone 238-6430.

FOR SALE: Heathkit MR-12nd MT-1, receiver and transmitter. Excellent condition, with power supply HP-20 and mike. Complete set-up \$160.00. Ted Sleminski, WB4HUY, 6270 - 32nd Ave., Pinellas Park, Fla. 33565. Phone 544-3230.

For Sale: Drake R4B receiver with M54 speaker and 5 gen. coverage xtals \$345. Drake T4XB Transmitter with pwr supply \$375. Drake MN-2,000 Matching network & SWR/Watt meter \$115. B.T.L. Linear recent manufacture, little use. Will sell as package deal for \$1250.00 cash F.O.B. phone 745-9691 or 747-3272 or write to C. R. Crowley WA4EDW, 2310 Manatee Ave., W. Bradenton, Fla. 33505.

WANTED: Teletype machines, Model 28 and higher, and all parts, plus Kleinschmidt, Sell, too, fast service. Fred W4NYT, Typetronics, Box 8873, Ft. Lauderdale, Fla. 33310.

(Paid adv.)

WANTED: RME 10-20 converter, RME VHF-152-A Converter in good condition. Hank Projansky, WI-GSL/4, 1560 Jefferson Ave., Miami Beach, Fla. 33139, Phone 332-5998.

Announcing the opening of Communications Equipment Co., Sales and Service at 5638 Washington Street, Hollywood, Fla. 33023. Phone 305-989-7926. For service on your ham gear see us first at COMMUNICATIONS EQUIPMENT CO. See our display ad elsewhere. Dick Mays, K4AXC and Dick Mitchell, W4-WWB.

(Paid adv.)

FOR SALE: Complete mobile package. Galaxy 5 Mark 2, mounting bracket, DC supply, mike, speaker, Hustler antenna, Super 20, 40 and 80 coils, bumper mount, coax. Like new - less than 10 hours. Bought new car - can't install. Cost \$620 - make offer. Tom Stanton WB4DUX, 362 NE 92nd St., Miami, Fla. 33138, Phone 305-757-2063.

(Paid adv.)

FOR SALE: NEW B&W \$50A and B&W 3854; 4 TRW Ant. Switches, type N connectors, 1 in-4 out, 24VDC \$15 each; Eimac 4C350F's New \$12.50 ea; BC221 AH, Reg. Supply, orig. book, \$60; TS175U, excellent, orig. book \$105; FT100 transistorized transceiver, 80 thru 10, U L SSB, AM & CW, 120W input, 115 & 220VAC built in supply; Burlington 4-1/2" 0-1 ma meters; KW dummy load with RF meter; Frost mount Motorola 6 meter 41GCV 6/12V, excellent condx \$60; New Cubex and Starlight Quad spiders & fiberglass spreaders; Telrex TC99D tribander; DuMont scope, etc; Dan A. Summers W4JB, 1712 SE 14th St., Ft. Lauderdale, Fla. 33316, Phone JA 4-0918.

FOR SALE OR TRADE: Complete VHF station. Tri-band transmitter, 100 watts AM or CW on 6-2-1-1/4 meters, VXO or crystal control, 4 foot rack cabinet, 4895 finals. Tilton Exciters, plus 2 meter converter with Ameco preamp with power supp. 6 meter converter with 6CW4 preamp. Included are 11-element 2 meter beam, 8-element 6 meter beam. As is with all cables and instructions. Will trade for crank up, tilt tower, or SB-10 SSB adaptor, or good receiver. Will even take money. Lee Duval WA4SOT, 20211 NW 11th Ct., Miami, Fla. 33169, Phone 624-2083.

FOR SALE: Drake 2-NT xmtr, factory built-in low pass filter, relay, sidetone, spot and delay. Plate tuning only. Excellent condition, \$75.00. E. C. Peckham, W4DSD, 344 S.E. 11 Ave. Pompano Beach, Fla. 33060. Phone 941-4911.

FOR SALE: Brand new SWAN 500C and SWAN 117XC power supply and brand new Electro-Voice SSB Model 719 with push to talk stand and 3 connector plug for 500c \$525.00. Still have factory shipping boxes. Dow-Key Coax relay, with DPDT switch, 110 v.a.c. coil in box, \$9.50. Andy Clark, W4IYT 41 Lenape Dr., Miami Springs, FL 33166 Phone 305-888-3874.

THE FOLLOWING HEATH EQUIPMENT FOR SALE: HD-19 Phonepatch, asking \$25.00; HO13 Ham Scan, asking \$65.00; HO-10 Monitor Scope, asking \$45.00. John Fearon, W4WKP 3384 Peachtree Rd., Suite 705, Atlanta, Ga.

FOR SALE: KWM-2 with AC-Supply & Speaker plus 3 extra 10 meter crystals, almost like new - \$750.00 Collins PM-2 Portable Power Supply for KWM-2 - \$110.00. Collins 30L-1 Linear, absolutely like new, less than 20 hours service - \$395.00. CDR TR-44 Rotor with Control Box and Cable - very good condition - \$45.00. 66 ft. Rohn #25 tower (7 sections) which must be taken down and moved so I can sell house. Make offer on tower as is, or tower plus house and leave it in place. House will be vacant July 1. WANT: Collins matching speaker for 75A4. John Ataway, K4HIF, Box 205, Winter Haven, FL 33880.

FOR SALE: Wilcox-Gay tape recorder (built by Sonny). Model FX-300, 7.5 and 3.75 ips, two speakers, small size, 110 v.a.c. only, mike, patch cables, full 5 inch roll of tape and empty reel, remote start-stop switch. Perfect for shack or meeting recordings. \$30.00 FOB. WRL HI Imp model 3NI mike, stand and connector, like new \$6.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166 Phone 888-3874.

FOR SALE: SWAN-330, modified to 500C modulator, updated VFO, new sidetone, and other factory modifications, with SWAN-117X power supply/speaker and manual \$325.00. Hallcrafters 5 inch SSB speaker \$7.50. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166 Phone 888-3874.

FOR SALE: Globe LA1 420 watt PEP Linear with new xmtr; DX-40 6-80 meters, \$35.00 each. Heath HX-30 6 meter exciter and HA-20 6 meter linear with 2 new 6146B's, 125 watts, \$200.00. Ameco 6 mtr tube-type converter and nuvistor preamp, \$15.00 for the pair. Norm Ward, K4RBR, 10674 NE 11th Ct., Miami Shores, Fla. 33138. Phone 754-7496 after 6:30 PM.

(Paid adv.)

AWE

NOW OPEN ON MONDAY AND FRIDAY NIGHTS UNTIL 9 PM! NO ONE ANYWHERE WILL BEAT OUR DEAL. HAVE A BETTER OFFER? We will TOP IT! ONE OF THE LARGEST IN THE U.S. AND FLORIDAS

(Continued next column)

ONLY FULL LINE FRANCHISED STOCKING DISTRIBUTOR HAM STORE. Franchised distributor and service agency for COLLINS, HALLCRAFTERS SWAN, DRAKE, NATIONAL, EICO, GALAXY, EIMAC, WATERS, HY-GAIN, BTT, MOSLEY, HAMMARLUND, AMECO, CUSH-CRAFT, ETC. COMPARE our prices with anyone. WRITE OR COME IN FOR OUR SPECIAL DEAL. New Swan 500C and AC, New Swan 350C and AC, New Swan 250C and AC, New Hallcrafters SR-400 and PS-500 AC \$775. New Hallcrafters SR-2000 \$1,250. New Drake R-4B, New Drake T4XB, New Drake TR-6 and AC, New BTT LK-2000 linear \$705. New Ham-M rotator \$99. All equipment factory fresh, factory sealed cartons, General Electric and Master Card credit available on all purchases of new or used equipment, 10% or trade-in down. RECONDITIONED LIKE NEW TRADE IN EQUIPMENT. Ameco PCL-P \$24. TX-62 \$99. B & W 51-SB \$69. Central Electronics Model "B" Slicar \$39, 10A (20m. coils) \$13. Clegg (Squires-Sanders) 22'er \$149, 99'er \$79. Collins 75B-1 w. Waters Q-Mult \$295, KWM-2 w. Waters Q-Mult \$695 KWM-2A \$895, 75A-4 #5155 \$369, 32V-3 \$59, 75B-3B \$445, 75A-2 w. speaker, gear reduction knob \$139. Drake 1-A \$119, 2-B \$169, 2-C \$169, T-4X w. AC-3 \$349. Eico 753 s/751 AC \$139, 720 \$49, 722 \$24, 723 \$39, Conset G-63 \$89, G-77 w. AC and Mod. \$69, G-76 w. AC and DC \$159. Hallcrafters SX-99 \$79, SX-110 \$99, SX-117 \$195, HT-37 \$189, SR-2000 and AC \$925, HT-33A (HT-33B Mod. to AB-1) \$225, HT-41 \$149, Hammarlund HQ-145C \$189, 180AX \$285. Heath GC-1A \$99, HG-10 \$29, SB-300 w/3 filters \$219, SB-301 w/6m. converter, 2 filters \$225, SB-200 \$210, HR-10 \$55. Johnson Valiant \$119, Pacemaker \$109, Ranger 1 \$89, 6 and 2 \$65, 6 and 2 VFO \$24, Adventurer \$24. Knight TR-106 and VFO \$119, T-150A \$59. Lafayette HA-350 w/spkr. \$115. National NC-270 \$95, NC-300 \$99, 6 and 2 conv. and box \$39, NCX-5 w. NCX-A \$425. Polycom PC-6 \$125, Teacraft TR-30/144 \$19. Swan 500C w/117XC \$489, Utica 650 s/VFO \$89. Waters 359 Compreamp \$15. Henry 2KD-2 (like new) \$499.

AMATEUR- WHOLESALE ELECTRONICS 280 Aragon Avenue Coral Gables, Florida 33134 Phone: 444-6206 SPECIAL WATERS SALE! Model 372 CLIPREAMP (SAME AS \$26.95 COMPAREAMP) WHILE THEY LAST \$15. EXPERT FAST ON THE PREMISES SERVICE ON ALL AMATEUR AND CB EQUIPMENT. NEW Rohn 50 foot hold-over tower, reg. \$321.00, \$195.00 Complete. NEW Spaulding-Rohn heavy duty self supporting 40 ft. hinge base tower, reg. \$175.00, \$129.00 complete.

KEEP IT CLEAN

(Continued from Page 1)

difficult.

A transcript taken by the Federal Communications Commission (FCC) of one ham operator's broadcast went into intimate details of sexual relations and homosexuality, apparently just for the sake of being obscene. The FCC have hundreds of similar transcripts on file.

C. B. Plummer, chief of the FCC's field engineering bureau, said obscenity by operators of small radio transmitters has become a major problem over the past five years.

Federal law prohibits broadcasting any "obscene profane or indecent language" over the public airways. A violator can be punished by up to two years in prison and a \$10,000 fine for each offense, as well as a revocation of his license - if he has one.

(TARC Bulletin
WB4DMZ Ed.)

W4VPD JOINS DX CLUB

By Ed Cushing - W4QVJ

The headline "tells it as it is" - after 7 years of persistent attempts the Florida DX Club finally signed up Enos, W4VPD into full, paid-up membership. This momentous event was cheered by the gathered multitude at the annual business meeting of FDXC on Sunday, January 19th, 1969 during the Miami Hamboree.

Immediately W4VPD was assigned to be an operator on the upcoming Malpelo dx-pedition details of which appear elsewhere in this issue of SKIP. Such are some of the benefits of membership.

From time to time SKIP will carry news of the Florida DX Club in the Club News columns. At the Annual meeting W4BRB was railroaded into the Presidency and the Club anxiously awaits Gene's vital and exciting leadership for the upcoming year. Contributions were collected to be sent to Gus, W4BPD, as a club contribution to his upcoming expedition. A total of \$15 was collected and has been forwarded to O'P' Gus. This ought to keep Gus afloat for a few minutes anyway. Other matters involved a change in the Sunday morning net frequency with approximately 7240 kHz being selected. This will go into effect in February - to be sure of finding FDXC list-

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if you did not get this 8 x 10 at the Hamboree in Miami, send a self-addressed stamped envelope for one FREE.

Whisperings From An Assistant SEC

By TOM CHISHOLM W4EP Ex 2CY

Some of the 1969 SET reports have been trickling in, indicating that the NTS manager and some of the EC's have forwarded their reports to ARRL Newington real early. Well before the March 15 deadline. From all appearances to date, many of the SET performance figures have improved considerable and some new records have been set especially by our traffic nets.

It was the plan, among other things, to provide QFEN with enough business to keep them spinning, and in this, complete success was attained. QFEN having racked up 1757 points.

The Novice Hurricane Net earned 177 points, and the following figures from the various phone nets is evidence that we continue to have a

ten on the 3540 (approx) and 7240 frequencies USB - note USB. 10 A.M. local time.

As a closing note - Jim, WA4PXP, was so shocked by VPD's rash act, that he re-joined!! You should have been there.

large segment of our Florida phone amateurs interested in emergency drills.

Florida Midday Traffic Net 663, Tropical Phone Traffic Net 1000, Volusia Emergency Net 212. Although not an NTS net, the Florida Sidebanders Emergency Net on standby from 9 a.m. to 6:45 p.m. on Saturday, recorded 171 check-ins with 330 SET messages. Converted into the ARRL SET point system, PSBEN scored 1222 points, a substantial bit of business from a cooperative emergency network.

All nets of course performed superbly, all net managers, net controls and net stations should feel proud of their part in the yearly extravaganza, the SET.

Reports may be forthcoming from other nets and their performance will be called to the attention of our readers next month.

The county participation as reported by the respective EC's in many cases will be slow in getting in to ARRL and the SEC or Ass't. SEC E. FL. Al-

though the deadline for all SET reports is March 15, there is no reason why all should not be in by March 1. SET messages originated to W4FP 196 E. FL. 16 W. FL. and 1 from K4IAC Bob Meyers, Chief of Radio Communications AMCROSS, Wash., DC. To W4IYT 82.

Only three reports from the E. FL. counties to date. Indian River 78 points, Lee 42 (no EC) and Polk 456.

April SKIP should have all the totals and will be summarized similar to SKIP, April 1968, page 12.

As of January 31, East Fla. had 1271 AREC members. Our SET score in 1968 was 2057, maybe it will be better this year - let's hope so.

HAMBAR

FOR SALE: National NCX-3 transceiver and NCX-A Power supply in excellent condition, \$175.00. Hamlin C. King, 232 Connecticut St., Zephyrhills, Fla. 33599 (Paid adv.)